

# BEST PRACTICE CATALOG

Project Title: **AUTOMATED CLOZAPINE MONITORING PROGRAM**

Function Category: ☒ PATIENT-FOCUSED   ☐ ORGANIZATION   ☐ STRUCTURES

Subcategory: **Care of Patients**

Heading: **Medication Use**

Key Word(s): **Automation, Clozapine**

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Purpose:      **The automated clozapine monitoring program allows for close monitoring of clients on clozapine for any signs of white blood count abnormalities.**

Brief Description:      **The program provides a daily download of laboratory results into a pharmacy computer containing the clozapine monitoring software. The program alerts the pharmacist to drops in the client's white blood count that fall within Special Order 105, Clozapine Protocol, and allow for early intervention.**

Selection Basis/Criteria:      **Clozapine treated clients are at risk of developing bone marrow suppression and possible life threatening adverse hematological reactions. The automated clozapine monitoring program alerts the reviewing pharmacist whenever downloaded laboratory results fall outside of the acceptable range as outlined in Special Order 105, Clozapine Protocol. The pharmacist intervenes by contacting the treating physician to inform him/her of the recommended action. Enhanced client safety is realized through prompt early detection and treatment of adverse hematological reactions. The automated clozapine monitoring program meets the JCAHO standards for monitoring medications given to clients for adverse reactions.**

The following items are available regarding this Best Practice:

☐ Photographs      ☐ Video Tape      ☐ Drawings      ☐ Manual

☐ Other : \_\_\_\_\_

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**I. C. 2. 003**